

What is claimed is:

1. A wireless audio-video transmission apparatus, wherein said apparatus is coupled to a cable line for wirelessly transmitting  
5 audio-video signal to at least one receiver, comprising:

a wireless device for receiving a channel requirement signal from said at least one receiver and transmitting corresponding audio-video signal to said at least one receiver;

a control unit coupling with said wireless device to receive said  
10 channel requirement signal through said wireless device; and

at least one tuner card coupling with said cable line and connected in series, wherein said control unit controls said at least one tuner card to collect corresponding audio-video signal and convert said corresponding audio-video signal into a standard signal for  
15 display by a display apparatus.

2. The wireless audio-video transmission apparatus of claim 1, wherein said at least one receiver is a portable computer, a mobile apparatus or a notebook.

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3. The wireless audio-video transmission apparatus of claim 1, wherein said display apparatus is a liquid crystal display.

4. The wireless audio-video transmission apparatus of claim 1, wherein a specification of the signal transmitted by said wireless device is 802.11XX.

5           5. The wireless audio-video transmission apparatus of claim 1, wherein said wireless device is an antenna.

6. The wireless audio-video transmission apparatus of claim 1, wherein said wireless audio-video transmission apparatus further  
10 comprises a software to allocate usage of said tuner cards.

7. The wireless audio-video transmission apparatus of claim 1, wherein said wireless audio-video transmission apparatus further comprises a storage apparatus for storing said standard signal.

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8. A wireless audio-video transmission system, comprising:  
at least one receiver with a display apparatus; and  
a wireless audio-video transmission apparatus coupling with a  
cable line for wirelessly transmitting audio-video signal to at least one  
20 receiver, comprising:

    a wireless device for receiving a channel requirement  
signal from said at least one receiver and transmitting  
corresponding audio-video signal to said at least one receiver;

    a control unit coupling with said wireless device to receive

said channel requirement signal through said wireless device;  
and

at least one tuner card coupling with said cable line and  
connected in series, wherein said control unit controls said at  
5 least one tuner card to collect corresponding audio-video signal  
and convert said corresponding audio-video signal into a  
standard signal for display by said display apparatus.

9. The wireless audio-video transmission system of claim 8,  
10 wherein said at least one receiver is a portable computer, a mobile  
apparatus or a notebook.

10. The wireless audio-video transmission system of claim 8,  
wherein said display apparatus is a liquid crystal display.

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11. The wireless audio-video transmission system of claim 8,  
wherein a specification of the signal transmitted by said wireless  
device is 802.11XX.

20 12. The wireless audio-video transmission system of claim 8,  
wherein said wireless device is an antenna.

13.The wireless audio-video transmission system of claim 8,  
wherein said wireless audio-video transmission apparatus further  
comprises a software to allocate usage of said tuner cards.

5           14.The wireless audio-video transmission system of claim 8,  
wherein said wireless audio-video transmission apparatus further  
comprises a storage apparatus for storing said standard signal.